

Final Report

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Project Investigators: J. Schemm, D. Gutzler, W. Higgins, B. Mapes, K. Mo, S. Moorthi, S. Schubert, G. White

Final report for the NAME CPT Activities at NCEP

Figures:

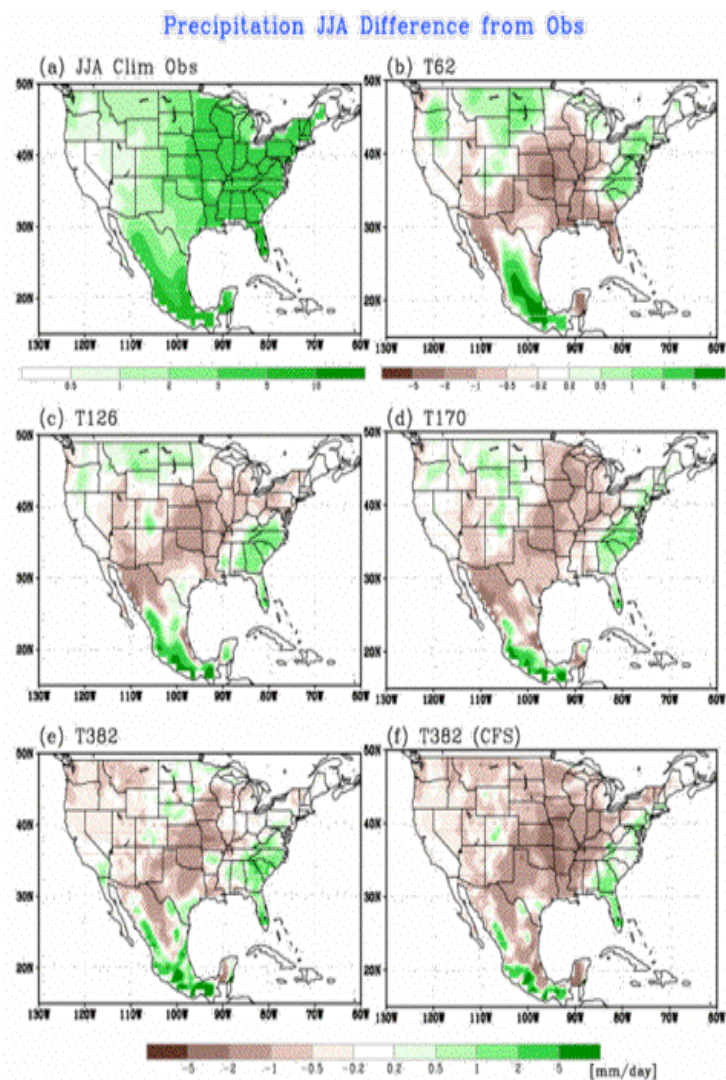


Figure.8: Climatological precipitation over North America for June-July-August season from CPC gauge-based analysis (a) and climatological precipitation differences from the observed in GFS and CFS GCM simulations with different horizontal resolutions. GFS simulations were performed in T62(b), T126(c), T170(d), and T382(e) resolutions. CFS simulations were done in T382(f) resolution only.

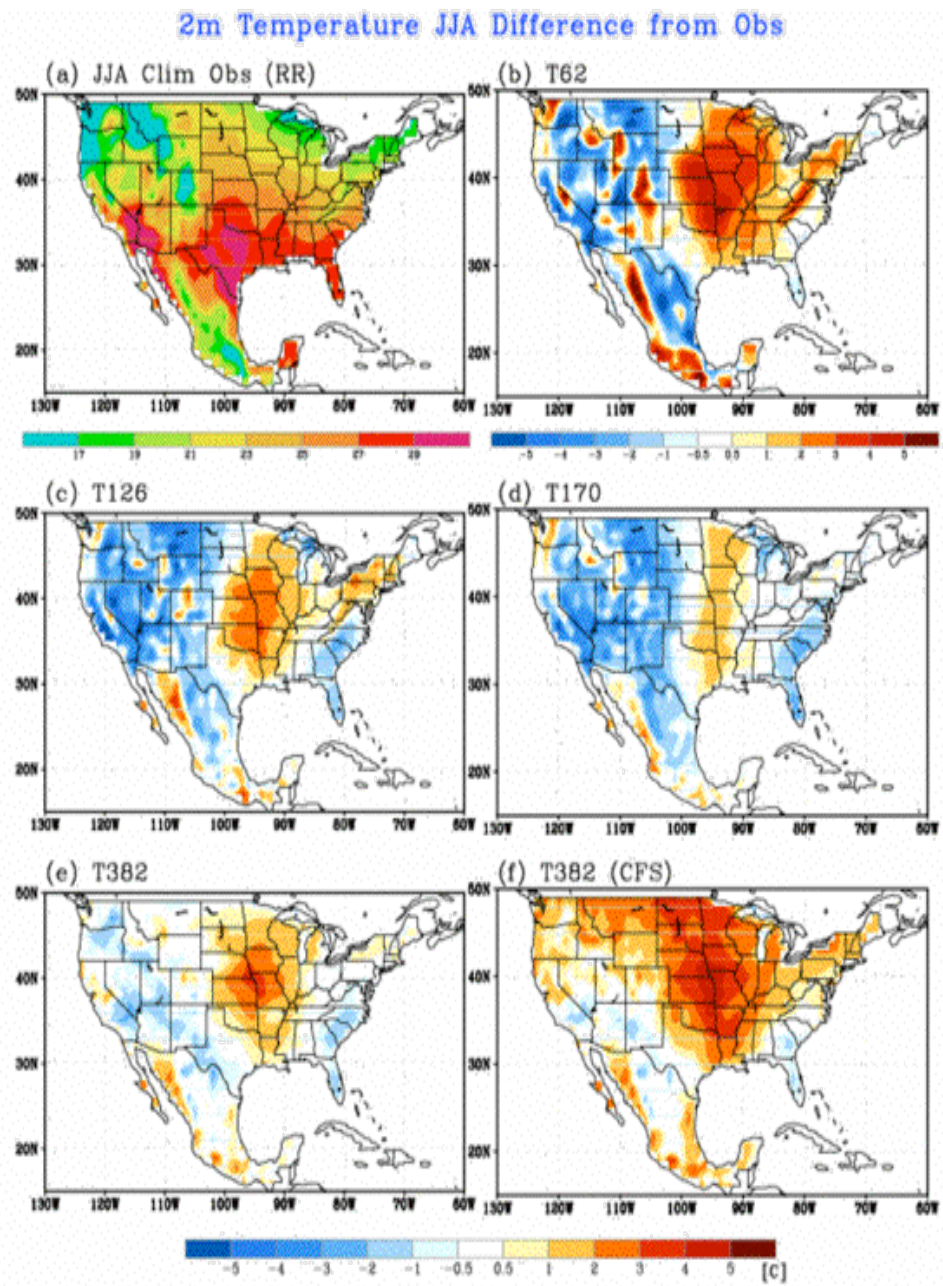


Figure 9: Same as in Fig. 8, but for 2m temperature.

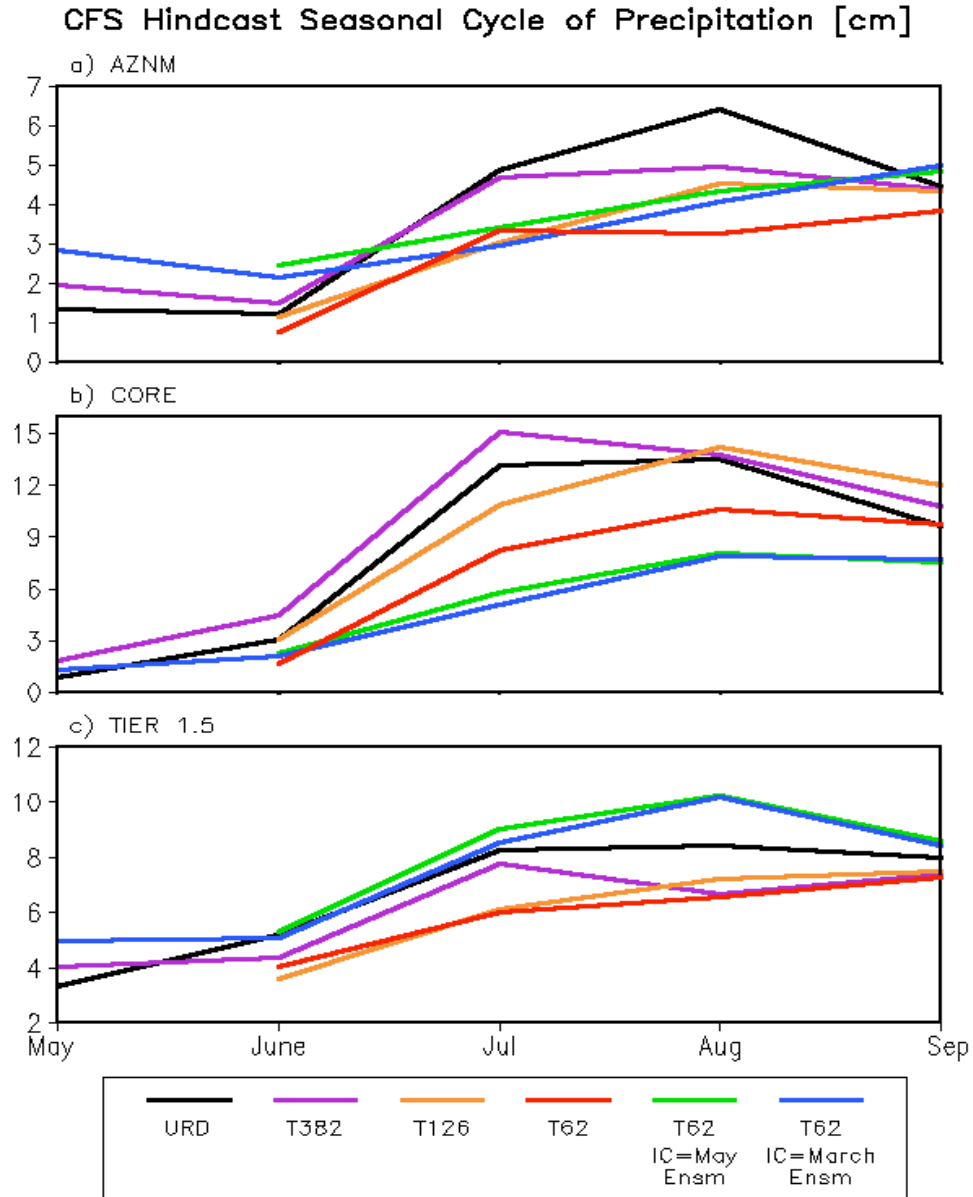


Figure 10. Time series of total monthly precipitation [cm] averaged over a 26-year time period from 1981-2006 for the a) AZNM, b) CORE, and c) TIER 1.5 subregions from May-September. Observations from the Unified Rain Gauge Dataset are shown in black.

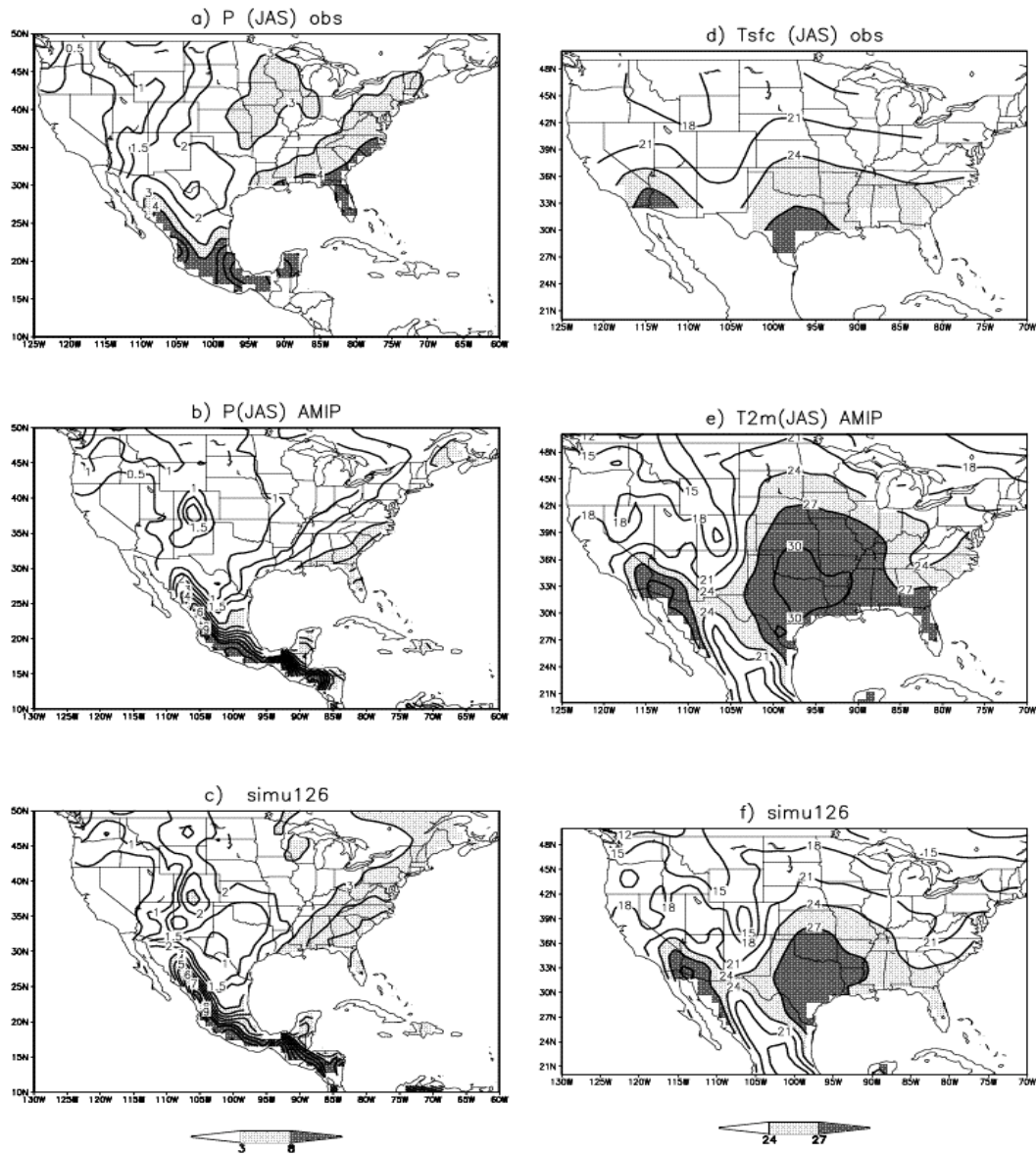


Figure 11: a) Mean precipitation (P) for July-September (JAS) averaged from 1990-2000 from the URD. Contour interval is 1 mm/day. Zero contours are omitted. Contours 0.5 and 1.5 mm/day are added. Areas where P is larger than 3 (4) mm/day are shaded light (dark). (b) same as (a), but for the AMIP126SAS and AMIP126RAS mean, (c) same as (a), but the SIMU126 ensemble mean averaged from 1990-2000, (d) Surface temperature from the COOP network averaged from 1990-2000. Contour interval is 3°C. Values greater than 24 (27) °C are shaded light (dark), (e) and (f) same as (b), and (c), but for surface temperature.